

JUN 30 1982

U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDSFORM NO. OSHA-20 (MODIFIED)
MAY 1971

MATERIAL SAFETY DATA SHEET

MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Amchem Products, Inc.		EMERGENCY TELEPHONE NO. (215) 628-1230
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) Brookside Avenue; Ambler, PA 19002		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Alodine 1200	
CHEMICAL FAMILY	FORMULA	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Chromic Acid				25-35	
Potassium Ferriocyanide				15-25	
Sodium Fluoborate				35-45	
Potassium Fluozirconate				10-15	

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	N/A	SPECIFIC GRAVITY (H ₂ O = 1)	N/A
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	Appreciable		
APPEARANCE AND ODOR	Dark orange powder; slight acidic odor		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	None	FLAMMABLE LIMITS	LeI	Uel
EXTINGUISHING MEDIA	Water			
SPECIAL FIRE FIGHTING PROCEDURES	None			

UNUSUAL FIRE AND EXPLOSION HAZARDS Do not allow powder to come in contact with organic materials
such as sawdust, rags, paper, etc.

*PLEASE DO NOT USE GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Will ulcerate mucous membranes if swallowed or inhaled. May irritate and burn eyes or skin if spilled.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Drink milk of magnesia, aluminum hydroxide gel, or limewater followed by several glasses of water.

Eyes: Flush immediately with copious amounts of water for at least 15 minutes. Call a doctor.

Skin: Wash with soap and water and rinse thoroughly.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	

INCOMPATIBILITY (MATERIALS TO AVOID)

organic materials

HAZARDOUS DECOMPOSITION PRODUCTS

hydrogen fluoride

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	x	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Transfer unspilled material to a clean polyethylene container. Treat spilled material with dilute solution of sodium metabisulfite to reduce chrome. Adjust pH to 7-8 with lime and flush to treatment plant with plenty of water.

WASTE DISPOSAL METHOD

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

VENTILATION	Filter type dust, fume or mist respirator. NIOSH approved	
	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL)	OTHER
	x	

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Safety goggles and face shields

OTHER PROTECTIVE EQUIPMENT

Rubber aprons

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool place away from organic material. Keep container closed.

OTHER PRECAUTIONS

Hugh Gehman

June 23, 1982

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